

AMENDMENTS TO THE CLAIMS:

The listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) An optical fiber drawing apparatus, comprising:

a heating furnace adapted to melt an optical fiber mother material and to draw an optical fiber;

a diameter measuring device adapted to measure a diameter of an optical fiber drawn from the heating furnace;

a cooling apparatus adapted to cool the optical fiber melted in the heating furnace;

a coating apparatus adapted to coat the cooled optical fiber with a coating material;

a violet ray hardening apparatus adapted to harden the coated optical fiber;

~~an optical fiber standard value controller unit adapted to control standard values of the optical fiber drawn;~~

~~a fixing roller following the violet ray hardening apparatus optical fiber standard value controller unit and adapted to change a drawing direction of the optical fiber;~~

~~at least two movable rollers following the fixing roller and on a same side of said optical fiber as said fixing roller, said at least two movable rollers having axial centers which are~~

movable to different positions, respectively, so that a curvature of an imaginary circle defined by three points of contact of the optical fiber with the fixing roller and the at least two movable rollers when the optical fiber is in contact with and drawn around the movable rollers and the fixing roller has a radius larger than a radius of any of the rollers in order to release bending stress and stress concentration in the optical fiber and thereby decrease a possibility of breakage of the optical fiber;

a winding apparatus adapted to wind the optical fiber; and
at least two brackets, each bracket connected to a respective one of said at least two movable rollers to provide movement of the respective one of said at least two movable rollers in at least two different offset directions relative to the optical fiber, and independent and separate from movement of the other movable roller.

2. (Canceled)

3. (Currently Amended) The apparatus of claim 1, wherein each said bracket comprises a vertical direction guide formed by a groove extending in a vertical direction and in which a shaft of the respective said movable roller is guided, in order for the respective said movable roller to reciprocate in said vertical direction, and said vertical direction is one of said at least

two different directions.

4. (Previously Presented) The apparatus of claim 3, wherein a pivot joint is installed at one end of each bracket, and each bracket is rotatable about its pivot joint.

5. (Currently Amended) The apparatus of claim 1, further comprising a spin apparatus capable of imparting a spin to the optical fiber by reciprocating at least one said bracket of said at least two brackets in a transverse direction with respect to a drawing plane of the optical fiber, said spin apparatus being connected with said at least one said bracket which is also connected to a respective said movable roller.

6. (Previously Presented) The apparatus of claim 5, wherein said spin apparatus includes a link connected CAM.

7-10. (Canceled)